Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1.   (Previously presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to transfer two or more timeslots on one or more channels to said storage device, a first one of said timeslots including a user extended lead timeslot or a user extended trail timeslot having a first priority, a second one of said timeslots including a core timeslot having a second priority, wherein each of the two or more timeslots is treated as a separate entity:

determining if said instructions cause a conflict;

determining one or more solutions to said conflict, at least partly by considering the multiple broadcast signals;

providing a user an opportunity to choose one of said solutions to said conflict; and

resolving said conflict automatically, if said user does not choose one of said solutions, using said first and second priorities, by choosing either said first or second timeslot,

wherein the conflict is resolved by selecting the first priority as the higher priority such that the first one of said timeslots is chosen if the first one of said timeslots is a user extended trail timeslot, and wherein the conflict is resolved by selecting the second priority as the higher priority such that the second one of said timeslots is chosen if the first one of said timeslots is a user extended lead timeslot.

2.   (Canceled)

3.   (Previously presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to transfer two or more timeslots on one or more channels to said storage device, a first one of said timeslots including an automatically extended lead timeslot or an automatically extended trail timeslot having a first priority, a second one of said timeslots having a second priority and not being an automatically extended lead timeslot or an automatically extended trail timeslot, wherein each of the two or more timeslots is treated as a separate entity;

determining if said instructions cause a conflict;

determining one or more solutions to said conflict, at least partly by considering the multiple broadcast signals;

providing a user an opportunity to choose one of said solutions to said conflict; and

resolving said conflict automatically, if said user does not choose one of said solutions, by using said first and second priorities, and selecting the second priority as the higher priority such that the second one of said timeslots is chosen.

4-5.   (Canceled)

6.   (Previously presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to transfer two or more timeslots on one or more channels to said storage device;

determining if said instructions cause a conflict;

determining a plurality of solutions to said conflict, at least partly by

considering the multiple broadcast signals;

examining each timeslot in each of said solutions;

determining a cumulative priority for each of said solutions, wherein the cumulative priority for each of said solutions comprises a first priority for one of the two or more timeslots that is a user extended lead timeslot, a second priority for one of the two or more timeslots that is a user extended trail timeslot, a third priority for one of the two or more timeslots that is an automatically extended lead or trail timeslot, and a fourth priority for one of the two or more timeslots that is a core timeslot;

determining one or two lowest priority solutions to said conflict based on said cumulative priority;

presenting said one or two lowest priority solutions to said user;

providing a user an opportunity to choose one of said lowest priority solutions to said conflict; and

resolving said conflict automatically, if said user does not choose one of said solutions, by selecting one of the one or two lowest priority solutions, wherein the third priority comprises a lower priority solution than the other priorities.

7-16.   (Canceled)

17.   (Previously presented) A video recorder comprising:

means for receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

means for receiving two or more instructions to transfer one or more timeslots on one or more channels to a storage device, a first one of said timeslots including an automatically extended lead timeslot or an automatically extended trail timeslot having a first priority, a second one of said timeslots having a second priority and not being an automatically extended lead timeslot or an automatically extended trail timeslot;

means for finding one or more conflicts, which may by caused by said instructions;

means for generating one or more solutions to said conflicts, which said video recorder obtains, wherein the means for generating one or more solutions at least partly comprises means for considering the multiple broadcast signals;

means for giving a user an opportunity to choose one of said solutions to said conflict; and

means for solving said conflicts, if said user does not choose one of said solutions by using said first and second priorities and selecting the second one of said timeslots having a second priority as having a higher priority than the first one of said timeslots having a first priority.

18-21. (Canceled)

22.   (Currently amended) The method of claim 1 wherein said step of determining if said instructions cause a conflict further comprises:

~~determining a first number of tuners available;~~

~~determining a second number of timeslots to be transferred to said storage device; and~~

determining if a conflict exists, if ~~said first~~ a number of available tuners is less than resources required to completely transfer a plurality of timeslots scheduled to be transferred to said storage device ~~is less than said second number, wherein if the first number is less than the second number, a number of timeslots equal to the number of timeslots exceeding the number of tuners is transferred to a system queue~~; and

~~wherein~~ resolving the conflict ~~is resolved~~ by selecting the first priority as the higher priority if the first one of said timeslots is a user extended trail timeslot such that the second one of said timeslots is transferred to ~~the~~ a system queue, and wherein the conflict is resolved by selecting the second priority as the higher priority if the first one of said timeslots is a user extended lead timeslot such that the first one of said timeslots is transferred to the system queue.

23.   (Previously presented) The video recorder of claim 17, further comprising means for providing a system queue, wherein the system queue receives one of the first timeslot or the second timeslot that is not used to solve said conflict.

24.   (Previously presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to record one or more timeslots on one or more channels;

determining whether the instructions cause a conflict;

providing a system queue for receiving the one or more timeslots that cause a conflict, wherein pre-set criteria describing each of the one or more timeslots is automatically transferred to the storage device; and

resolving the conflict by comparing the one or more timeslots in the system queue with a subsequent one or more timeslot on one or more channels using the pre-set criteria, and transferring the one or more timeslots in the system queue with pre-set criteria matching the a subsequent one or more timeslot to the storage device.

25.   (Previously presented) A video recorder comprising:

means for receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

means for receiving one or more instructions to transfer one or more timeslots on two or more channels to a storage device;

means for finding one or more conflicts, which may be caused by said instructions;

means for generating one or more solutions to said conflicts, which said video recorder obtains, using a first type for a first timeslot having a first priority and a second type for a second timeslot having a second priority, wherein the means for generating one or

more solutions at least partly comprises comparing the first priority and the second priority to determine which has a higher priority based on pre-set priority criteria;

means for providing a system queue for receiving one or more timeslots;

means for giving a user an opportunity to choose one of said solutions to said conflict; and

means for solving said conflict automatically, if said user does not choose one of said solutions, by selecting one of the first timeslot and the second timeslot that has the higher priority based on the pre-set priority criteria, wherein the one of the first timeslot and the second timeslot that is not selected is received by the system queue.